

C O R R I D O R

C O N S T R U C T I O N 2 0 0 0 - 2 0 0 1

A MESSAGE FROM THE DIRECTOR

As we approach the start of summer, work on two of the most ambitious H-1 Corridor upgrade projects has gotten underway.

Work on the widening of the Punahou Street off-ramp started on April 29 (see story on page 3). The widening has long been planned and will reduce the congestion that has routinely slowed traffic in the area of the off-ramp. Built more than 40 years ago, the off-ramp was not designed to handle the volume of today's traffic that has made the Punahou Street off-ramp the busiest ramp in the state.

Work also began last month to install new water mains below Kalaniana'ole Highway that will eliminate repeated breaks and the resulting traffic snarls that East Oahu drivers have had to endure in recent years (see related story on page 2). During construction hours, the delays between Ainakoa Avenue and West Hind Drive have been minimal. While this was initially due in part to the closure of public schools because of the teachers strike, the good flow of traffic can also be attributed to advance planning by the HDOT and the contractor, as well as onsite assistance being provided to motorists by the Honolulu Police Department.

In addition, public information meetings, such as the one that took place on April 16 at Kalani High School, have kept drivers apprised of HDOT plans and construction schedules on Kalaniana'ole Highway. During the April 16 meeting, which was sponsored by state Representative Barbara Muramoto and state Senator Sam Slom, the HDOT made a special presentation specifically on the Kalaniana'ole Highway project and responded to questions and comments from the community. The overall response was positive and supportive.

These are both major projects that will take us through the summer when driving routines change, students are out of school, and tourist traffic increases. If you find yourself driving through these areas, please do so with care and caution. With everyone's help, we will safely complete these projects and provide a much improved highway system, as envisioned under the H-1 Corridor upgrade program.

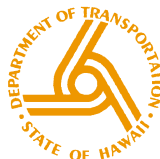
Mahalo,



Brian Minaai
Director of Transportation



For more information,
call the H-1 Hotline at 587-2345
or visit the DOT web site at:
www.state.hi.us/dot



H-1 CONSTRUCTION PROJECTS TIMELINE

O N G O I N G H - 1 C

Ongoing:	
2001	<ul style="list-style-type: none"> ● H-1 Resurfacing Project ● Kapiolani Interchange & Makiki, Lunalilo and Palama Seismic Retrofit Projects
Apr	<ul style="list-style-type: none"> ● Kalanianaʻole Highway 8-Inch Water Line Installation
May	<ul style="list-style-type: none"> ● Begin Punahou Off-Ramp Widening Project
June	<ul style="list-style-type: none"> ● Complete Makiki, Lunalilo and Palama Seismic Retrofit Project
July	<ul style="list-style-type: none"> ● Complete Kapiolani Interchange Seismic Retrofit Project
Aug	<ul style="list-style-type: none"> ● Begin Kalanianaʻole Highway 16-Inch Water Line Installation
Sept	
Oct	<ul style="list-style-type: none"> ● Complete H-1 Resurfacing Project
Nov	
Dec	
2002	
Jan	<ul style="list-style-type: none"> ● Complete Punahou Off-Ramp Widening Project
Feb	
Mar	<ul style="list-style-type: none"> ● Begin Kalanianaʻole Highway Resurfacing
Apr	
May	
June	<ul style="list-style-type: none"> ● Begin Kalanianaʻole Highway Striping, Guardrails and Signs Work
July	
Aug	
Sept	
Oct	<ul style="list-style-type: none"> ● Complete Kalanianaʻole Highway Resurfacing and Water Line Project

KALANIANAʻOLE WATER LINE WORK PROCEEDS ON SCHEDULE



Last month, water line work on Kalanianaʻole Highway got off to an impressive start. As of last week, approximately 688 feet of the 1,188-foot 8-inch water line had been installed along Kalanianaʻole Highway eastward from Ainakoa Avenue. In addition, the new traffic light at Analii Street is nearly complete.

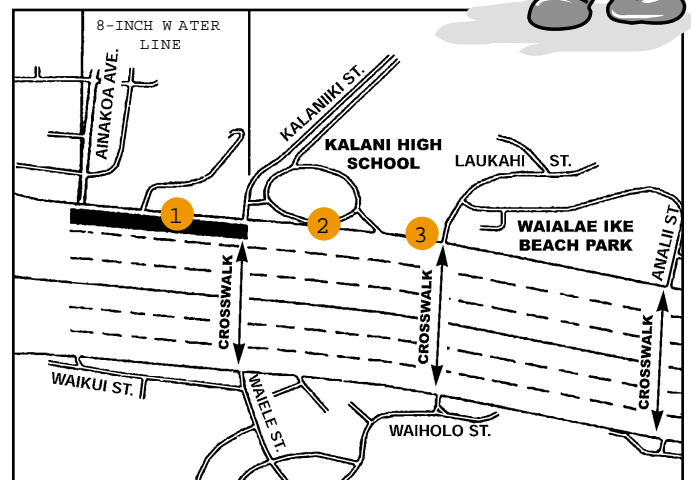
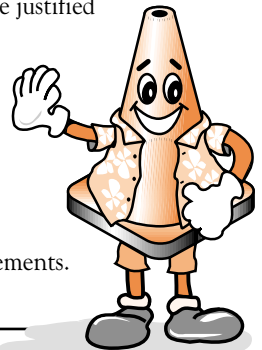
The contractor anticipates the majority of the 8-inch water line work to be completed by the end of May.

As noted in previous newsletters, the construction contraflow hours for the water line work along Kalanianaʻole Highway are from 8:30 a.m. to 3 p.m. During these hours, Waikui Street is closed, and Ainakoa Avenue is partially closed. To facilitate traffic, a U-turn will be allowed at the intersection of Kalanianaʻole Highway and Laukahi Street. Three advisory road signs have been posted.

To assist motorists further, police officers are directing traffic at Kalaniki Street and Laukahi Street when available, and another officer has been designated as a "rover" to serve where needed. Currently, the bus stop ewa of Kalaniki Street is closed. Passengers must board at bus stops between Kalani High School and Laukahi Street. As work progress east, bus stops will

be re-opened and closed depending on the location of the work (see map below).

In April, the state looked into the possibility of accelerating the 16-inch water line work by having the contractor work on both ends at the same time. However, with the present good flow of traffic, it was determined that the significant added expense would not be justified by the minimal time that would be saved. Instead, the state hopes to save time by performing the repaving portion at night and revising contract plan requirements.



Currently, Bus Stop No. 1 (ewa of Kalaniki Street) is closed. Passengers must board at Bus Stop No. 2 or No. 3. Bus Stop No. 2 may be closed periodically for safety reasons. Bus Stop No. 3 will remain open.

WIDENING OF PUNAHOU STREET OFF-RAMP BEGINS

Safety barriers were set up on April 29 and 30 to signal the start of the Punahou off-ramp widening project. The widening will take approximately eight months and is scheduled for completion in December 2001.

During May, drivers will experience only occasional single lane closures between 8:30 a.m. and 2:30 p.m., as traffic is detoured around the construction area. However, the Piikoi on-ramp will be closed as a safety precaution to reduce traffic approaching the Punahou off-ramp.

A closure of the Piikoi on-ramp was performed last year during the H-1 Resurfacing Project with minimal impact. Traffic will be monitored throughout the construction period, and adjustments in the scheduled roadwork will be considered if warranted. At the end of each workday, the contractor will remove all equipment and obstructions to allow for the free flow of traffic.

Anticipated work this month includes the demolition of the cooling tower and incinerator and relocation of

trees currently on the Shriners Hospital for Children's property to make way for the off-ramp's additional right-turn lane. The cooling towers are a component of the hospital's air-conditioning system and will be replaced.

In addition, the contractor will begin cutting 18 feet into the Shriners Hospital property to make way for the new ramp lanes. The work will not inhibit access to the hospital or the nearby Jodo Mission of Hawaii.

When completed, the off-ramp will be re-surfaced and re-stripped with four 11-foot-wide lanes, including two right-turn lanes, and a new approach lane "merge length" of 218 feet — designed to eliminate the long lines of traffic motorists presently encounter on this busy off-ramp. The total length of the new right-turn lane will be 407 feet with a 6-foot shoulder. A 5-foot shoulder will be preserved for the far left lane.



H-1 FREEWAY RESURFACING PROJECT ENTERS FINAL PHASE



The H-1 Resurfacing Project, which includes the re-paving and upgrading of the H-1 freeway from Punchbowl Street to the Kapiolani Interchange, is the largest construction project under the H-1 Corridor program. The remaining work on frontage roads, side streets and ramps is anticipated to be finished well before the October 2001 completion date originally scheduled.

This month, work on bridge joints, guardrails, lights and parapets may require single freeway lane closures in both directions, between Punahou Street and the Kapiolani Interchange Monday through Friday between 9 a.m. and 3 p.m.

Work on ADA upgrades, traffic signals, water lines, signage and striping will require lane closures on Lunalilo Street and McCully Street weekdays between 9 a.m. and 3 p.m. Water line work is expected to be substantially complete this month.

Re-paving on Metcalf Street will require a lane closure and possible block closure during these hours between Alexander and McCully Streets, a portion of the McCully Street overpass, and at the McCully/Dole intersection.

In addition, motorists should note that eight highway lights between Piikoi and Beretania Streets will remain on 24 hours a day for approximately two weeks as upgrades are completed.



SEISMIC RETROFIT NEARS COMPLETION

LUNALILO-VINEYARD, MAIKIKI OFF-RAMP AND PALAMA SEPARATION

The seismic retrofitting of highway structures at Lunalilo-Vineyard, the Maikiki off-ramp and the Palama separation will be completed in early May. Fiber wrapping of the pier column and retrofitting of the footings have been completed. Concrete bolster work and a major part of the restrainer cable installation were completed in April.

The only work remaining at the Palama separation is the installation of a restrainer cable, access door, and restoration of the repaired structure and church grounds, as well as general cleanup of the area. No lane closures are anticipated in May.

The only work remaining at the Maikiki off-ramp is the installation of chain link fencing around the vacant lot at the back of the U.S. Post Office. No lane closure is needed for the fence work.

KAPIOLANI INTERCHANGE

Items completed since last month include preparation work such as layout, drilling and coring holes for rebar installation, and form work.

This month, the outrigger beam retrofit work over the roadway will require lane closures on weekdays between 8:30 a.m. and 3 p.m. These

lane or road closures will be coordinated to prevent any conflicts in traffic or cause any significant traffic congestion.

The first closures are on Harding Avenue in both directions, between Kapiolani Boulevard and Kapahulu Avenue and fronting Foodland at the Market City Shopping Center. The right lane closure on Harding Avenue, Kokohead bound, will prevent cars headed toward Waikiki from turning right onto Kapahulu Avenue.

In addition, drivers should expect occasional road closures during the same hours for the eastbound lanes of Harding Avenue between Kapahulu and 1st Avenues. Advisory and detour signs are posted.



MAY 2001 CONSTRUCTION SCHEDULE

DAYS / HOURS	LOCATION	PROJECT	TRAFFIC IMPACT
Sunday-Thursday 9 p.m.-5 a.m.	H-1, between Punchbowl Street and Kapiolani interchange	Bridge joint replacement Highway lighting upgrade Drain cleaning	Lane closures
Monday-Friday 8:30 a.m.-2:30 p.m.	Punahou off-ramp	Off-ramp widening	Occasional lane closures
Monday-Friday 8:30 a.m.-3 p.m.	Kalanianaʻole Hwy., between Ainakoa Ave. and Kalanika St.	Water line work Waikui St.	Contraflow and closure of
	Harding Ave., in both directions, between Kapiolani Blvd. and Kapahulu Ave.	Seismic retrofit	Lane closures and detours
	Harding Ave., eastbound, between Kapahulu and 1st Avenues	Seismic retrofit	Lane closures and detours
	Kapahulu Ave., mauka bound, at the Harding Ave. intersection	Seismic retrofit	Lane closures
Monday-Friday 9 a.m.-3 p.m.	H-1, between Punahou St. and Kapiolani Interchange	Barrier upgrade Highway lighting upgrade Bridge joint replacement Guardrail upgrade	Single freeway lane closures
	Kapiolani Blvd. on- and off-ramps Bridge joint replacement	Guardrail upgrade closures	Ramp/lane
	Lunalilo St., between Keeaumoku and Ernest Streets	ADA ramp work Pavement striping and signing	Lane closures (Local traffic allowed; ramp to remain open)
	Metcalf St., between McCully and Alexander Streets (Anticipate 9 a.m.-5 p.m. work on weekends)	Paving	Lane closure and possible block closure
	McCully St., between Date and Beretania Streets (McCully/Beretania intersection)	Paving Traffic signal upgrades ADA ramp work	Lane closures